ABSTRACT OF THE DISCLOSURE

A computing system in which a human interface (HI) is located remotely from a computer. The HI includes a keyboard, mouse, and monitor. The computer includes a motherboard with CPU, memory, network and interface logic, disk drives, and a power supply, configured on a single card, and communicates with the HI by sending and receiving encoded HI signals. The computer card includes an interfacing edge connector for communicating with the HI and networks. The HI logic receives HI signals from the interface logic and encodes the signals into a format suitable for transmission to the HI. The HI logic receives and decodes incoming encoded HI signals from the HI, and transmits the decoded HI signals to the interface logic for use in the computing system. The network logic encodes network signals into a format suitable for transmission to the network, and receives and decodes encoded network signals from the network.